

**KEY FEATURES**

- Patent Design N. 2260638-Patent Application N. 269659
- 180 Watt Max Power
- 1.4 in Horn Throat Diameter
- Titanium diaphragm
- 60 mm (2.4 in) voice coil
- Edgewound ALU Ribbon wire
- Neodymium buttons magnet structure
- Copper short cap for extended frequency response



**MEASURE CONDITIONS**

Measurement executed in free air (1m) in semi-anechoic chamber + Plane Wave Tube  
 Applied RMS Voltage is set to 2.83 V for 8 Ohm nominal impedance  
 Impedance module related to driver in free air  
 Frequency response with driver mounted on: V-Shape Horn PR614

**GENERAL SPECIFICATIONS**

Throat Diameter	1.4 in - 35.6 mm	Full Throat Angle	25 degree
Nominal Impedance	8 Ohm	BL Factor	13 N/A
Minimum Impedance	7 Ohm	Flux Density	2.1 T
Direct Current Resistance (Re)	5.6 Ohm	Inductance (Le)	32 H
Minimum Crossover Frequency (1)	1.2 kHz		
Sensitivity (1W/1m) (2)	111 dB		
Frequency Range	1 ÷ 40 kHz		
AES Power (3)	90 Watt		
Program Power (4)	180 Watt		
Diaphragm Material	Titanium Dome		
Voice Coil Diameter	60 mm (2.36 in)		
Voice Coil Winding Material	Edgewound ALU Ribbon		
Voice Coil Former Material	Black Polyimide Film		
Phase Plug Material	Aluminum		
Magnet Material	Neodymium Buttons		

**NOTES**

- (1) Minimum Crossover Frequency require a 12 dB/oct or higher slope high-pass filter.
- (2) Sensitivity is measured at 1 m on axis from the mouth of horn, averaged between 1 kHz and 4 kHz.
- (3) AES Power rating is a test made for 2 hours with Pink Noise signal having a 6 dB Crest Factor from minimum crossover frequency. Power calculated on minimum impedance. Driver mounted on aluminium horn.
- (4) Program Power rating is defined as 3 dB greater than AES rating and is a conservative expression of the transducer ability to handle music program material.

**MECHANICAL & SHIPPING INFORMATIONS**

Net weight	1.9 Kg (4.19 lb)
Overall Diameter	118 mm (4.65 in)
Mounting holes diameter	2 x M6 holes 180°
Mounting bolt diameter	102 mm (4.02 in)
Total Volume Size	0.55 dm <sup>3</sup> (0.020 ft <sup>3</sup> )
Total Depth	65 mm (2.56 in)
Units per Shipping Box	6 units
Shipping Box Size (mm)	335 x 185 x 270 mm
Shipping Box Size (in)	13.2 x 7.3 x 10.6 in

**PLANE WAVE TUBE**

**SEMI-ANECHOIC CHAMBER**